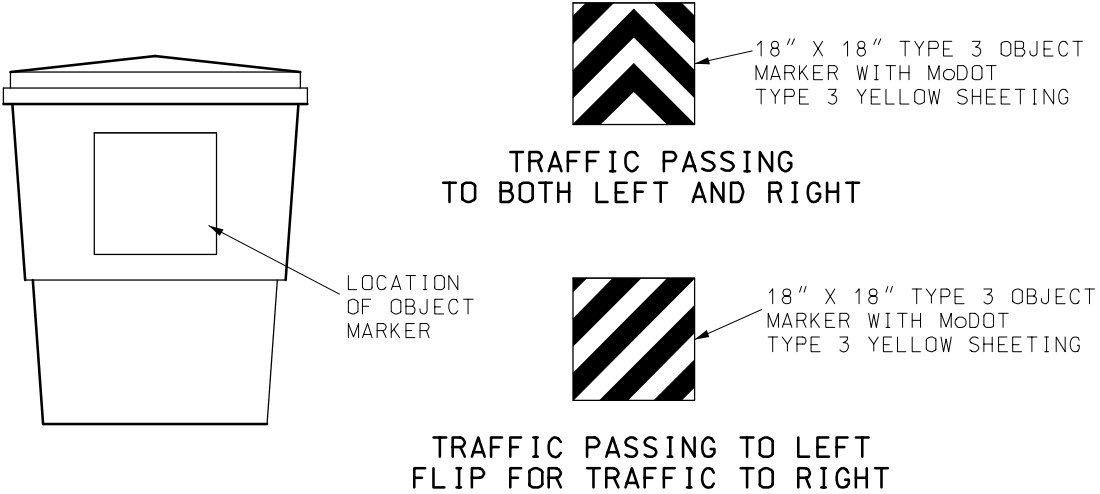
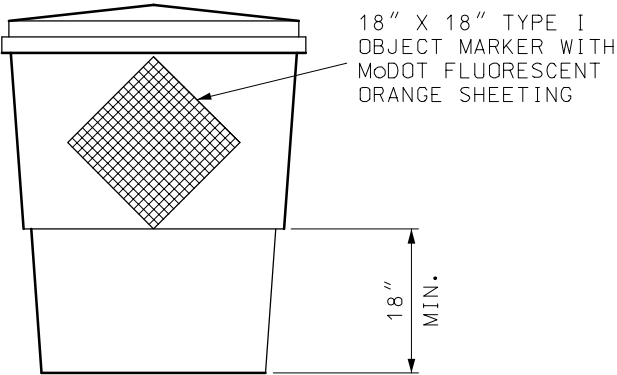


DESIGN SPEED	70 MPH	65 MPH	60 MPH	55 MPH	50 MPH	45 MPH	40 MPH	35 MPH
TOTAL LENGTH	41'-6"	38'-0"	31'-0"	27'-5"	24'-0"	20'-6"	20'-6"	17'-0"
RDW 12	1 @ 200#							
11	1 @ 200#	1 @ 200#						
10	1 @ 200#	1 @ 200#						
9	1 @ 200#	1 @ 200#	1 @ 200#					
8	1 @ 400#	1 @ 200#	1 @ 200#	1 @ 200#				
7	2 @ 200#	1 @ 400#	1 @ 200#	1 @ 200#	1 @ 200#			
6	2 @ 400#	2 @ 200#	1 @ 400#	1 @ 400#	1 @ 400#	1 @ 400#	1 @ 400#	
5	2 @ 400#	2 @ 400#	2 @ 400#	1 @ 700#	1 @ 700#	1 @ 700#	1 @ 700#	1 @ 700#
4	2 @ 700#	2 @ 700#	2 @ 700#	2 @ 700#	1 @ 1400#	1 @ 1400#	1 @ 1400#	1 @ 1400#
3	2 @ 1400#	2 @ 1400#	2 @ 1400#	2 @ 1400#	2 @ 1400#	2 @ 1400#	2 @ 1400#	2 @ 1400#
2	2 @ 1400#	2 @ 1400#	2 @ 1400#	2 @ 1400#	2 @ 1400#	2 @ 1400#	2 @ 1400#	2 @ 1400#
1	2 @ 2100#	2 @ 1400#	2 @ 1400#	2 @ 1400#	2 @ 1400#	2 @ 1400#	2 @ 1400#	2 @ 1400#
TOTAL WEIGHT	14400#	12200#	11600#	11300#	11100#	10900#	10900#	10500#
TOTAL NO. OF ATTEN.	19	17	14	12	10	9	9	8

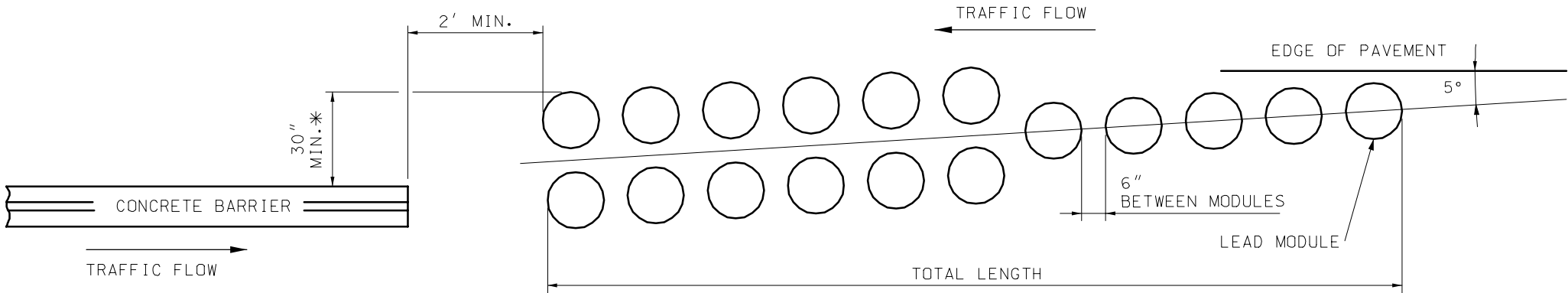
NOTE:
DESIGN SPEED IN CONSTRUCTION AREAS SHOULD BE BASED ON POSTED SPEED PRIOR TO CONSTRUCTION.



TYPE 3 OBJECT MARKER PLACEMENT
FOR PERMANENT INSTALLATIONS



TYPE I OBJECT MARKER PLACEMENT
FOR TEMPORARY INSTALLATIONS



* OFFSET ARRAY FOR
BIDIRECTIONAL TRAFFIC

ATTENUATOR LAYOUT

GENERAL NOTES:
OBJECT MARKERS SHALL BE CENTERED VERTICALLY OR PLACED AS DIRECTED BY THE ENGINEER.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		SAND FILLED IMPACT ATTENUATORS	
DATE:_____	EFFECTIVE: 05-01-2006	612.20C	1/1